



MANUFACTURING
Institute

What We Do

The Manufacturing Institute:

- Builds a **resilient workforce** ready for future challenges
- Leads **groundbreaking initiatives** across the country
- **Convenes industry leaders** to shape strategy
- Conducts **solution-driven research** to guide action

Why It Matters:

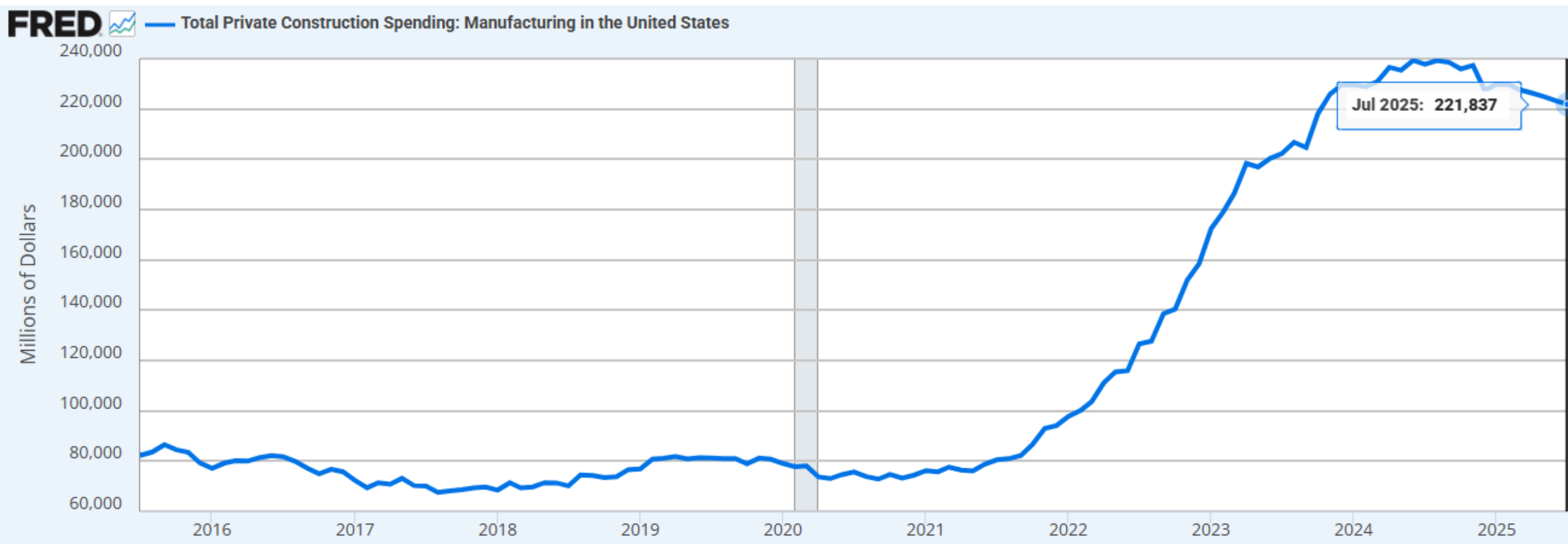
- As the 501(c)(3) workforce development affiliate of the NAM, we are a **trusted adviser** to manufacturers — **equipping them with solutions** to solve the toughest workforce challenges.

Manufacturing Job Openings – USA



Source: US Bureau of Labor Statistics via FRED

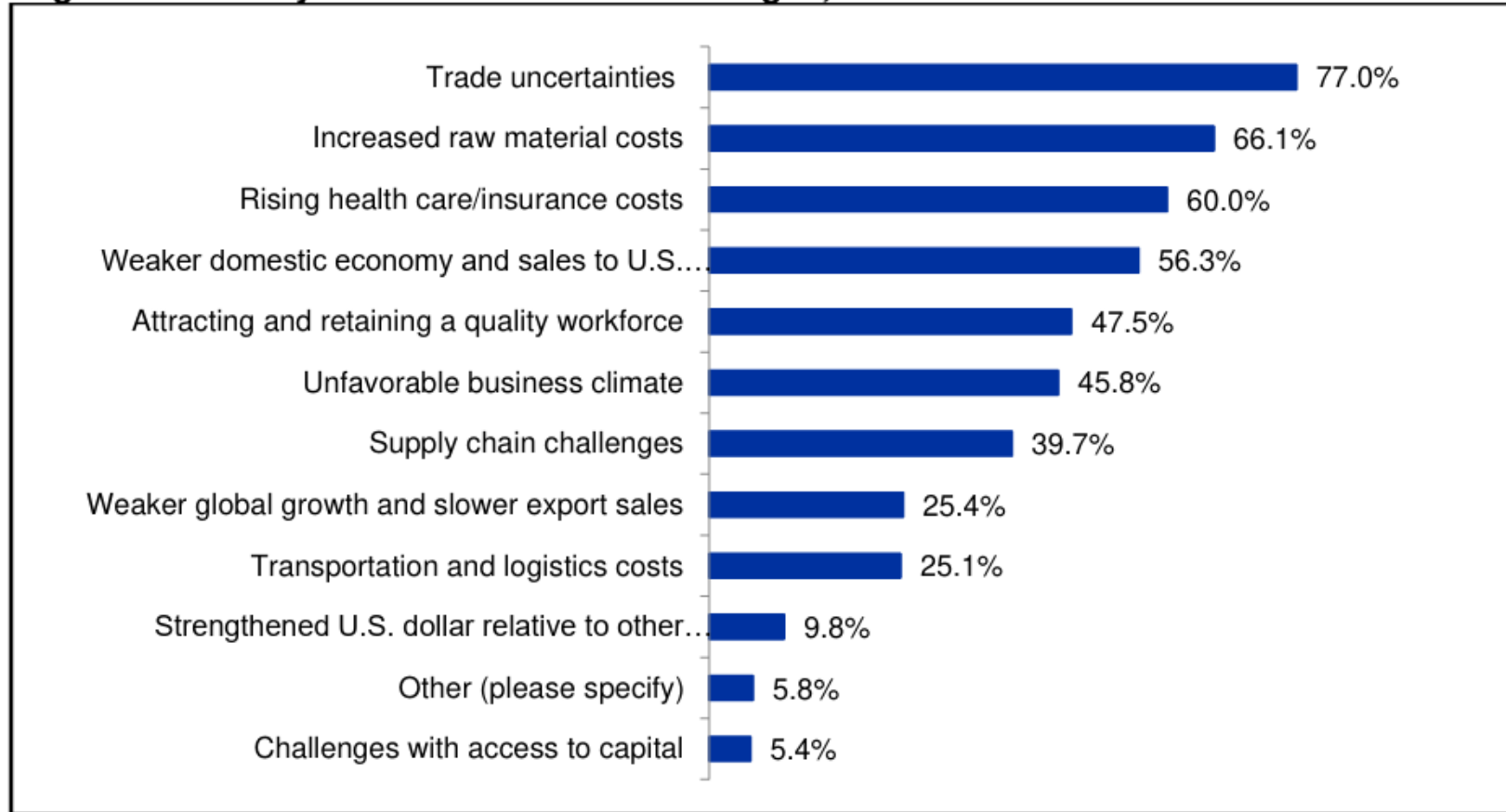
Private Manufacturing Construction Spending



Source: US Bureau of Labor Statistics via FRED

NAM Q2 2025 Manufacturers' Outlook Survey

Figure 3: Primary Current Business Challenges, Q2 2025



Note: Respondents were able to check more than one response; therefore, responses exceed 100%.

Why Factories Are Having Trouble Filling Nearly 400,000 Open Jobs

For every 20 positions, there's one qualified candidate, says one manufacturing chief executive. Some of President Trump's policies are likely to exacerbate the problem.

Listen to this article · 7:50 min [Learn more](#)

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By [Farah Stockman](#)

Farah Stockman covers manufacturing.

June 23, 2025

Trump Wants America to Make Things Again. Does It Have What It Takes?

President Trump wants to revive factories, using tariffs as a tool. Companies that want to re-shore manufacturing are grappling with how to do it.

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By [Alexandra Stevenson](#)

Reporting from Ho Chi Minh City, Vietnam

THE WALL STREET JOURNAL. Will Anyone Take the Factory Jobs Trump Wants to Bring Back to America?

The president has pledged to bring more factory work back to U.S., but many manufacturing jobs are already going unfilled

Gift unlocked article | Listen (7 min)

Are Americans interested in filling Trump's manufacturing jobs?



CBS News ✓
6.67M subscribers

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326



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44K views 3 months ago

President Trump's mission to bring back manufacturing jobs to the U.S. may encounter an uninterested workforce. News with more on the career questions. [...more](#)

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Can the United States revive its manufacturing industry?



NBC News ✓
11.4M subscribers

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407






















43K views 3 months ago #tariffs #coal #trump

President Trump signed executive orders aimed at boosting coal production to help revive U.S. manufacturing jobs following international tariffs. NBC News renaissance is possible. [...more](#)

623 Comments

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High Tech Manufacturing Job Openings

robotics technician in United States Set alert			advanced manufacturing technician in United States Set alert			Industrial Automation technician in United States Set alert		
475 results			1,168 results			271 results		
	Mechatronics & Robotics Technician ✓	×		Automation Technician ✓	×		Maintenance & Automation Technician Rotating Shift ✓	×
Amazon Carlisle, PA 401(k) benefit  2 connections work here Promoted · Be an early applicant			Körber Pharma Fargo, ND (On-site) Vision benefit Viewed · Promoted			Sofidel S.p.A. Inola, OK (On-site) 401(k) benefit Promoted · Be an early applicant		
	Robotics Technician ✓	×		Robot Automation Technician ✓	×		PLC/Automation Technician ✓	×
Lockheed Martin Chelmsford, MA (On-site)  3 connections work here 1 week ago			CyberCoders Grandview, MO (On-site) \$35/yr - \$40/yr · Medical, Dental, Vision, 401(k) Promoted ·  Easy Apply			Gates Corporation Siloam Springs, AR (On-site) \$26.85/hr - \$36.51/hr · Vision, 401(k) Promoted		
	Robotics Assembly Technician ✓	×		Automation Technician ✓	×		Automation Technician - 2nd Shift - Hutchinson KPR Plant ✓	×
eBay Longmont, CO (On-site) \$44K/yr - \$91.8K/yr  1 school alum works here Promoted			West Pharmaceutical Services Williamsport, PA (On-site) Promoted · Be an early applicant			Tyson Foods Hutchinson, KS 401(k) benefit Promoted · Be an early applicant		
	Robotics Field Operations Technician ✓	×		Automation Engineering Technician, 2nd & 3rd Shifts ✓	×		1st Shift Wiring Technician (ControlTech Automation) ✓	×
Serve Robotics Washington, DC (On-site) \$22/hr - \$25/hr Promoted			Cadence, Inc. Staunton, VA (On-site) Promoted · Be an early applicant			BW Design Group Maryland Heights, MO Promoted		
	Robotics Field Technician ✓	×		Production Technician I ✓	×		Automation Technician 2 ✓	×
Husqvarna Group Newark, NJ (Remote)			GRAYHILL Carpentersville, IL 5 benefits Promoted · Be an early applicant			Dee Zee, Inc Des Moines Metropolitan Area (On-site) Promoted · Be an early applicant		
				Automation Technician - 2nd shift ✓	×		Technician - Automation 2 ✓	×
			Herbalife Winston-Salem, NC (On-site)					

Source: LinkedIn, 7/23/2025

\$115.2 Billion

Value added to the economy comprising 16.3% of Michigan GDP

595.8K

People employed by more than 12.0k Michigan manufacturers

\$96,691

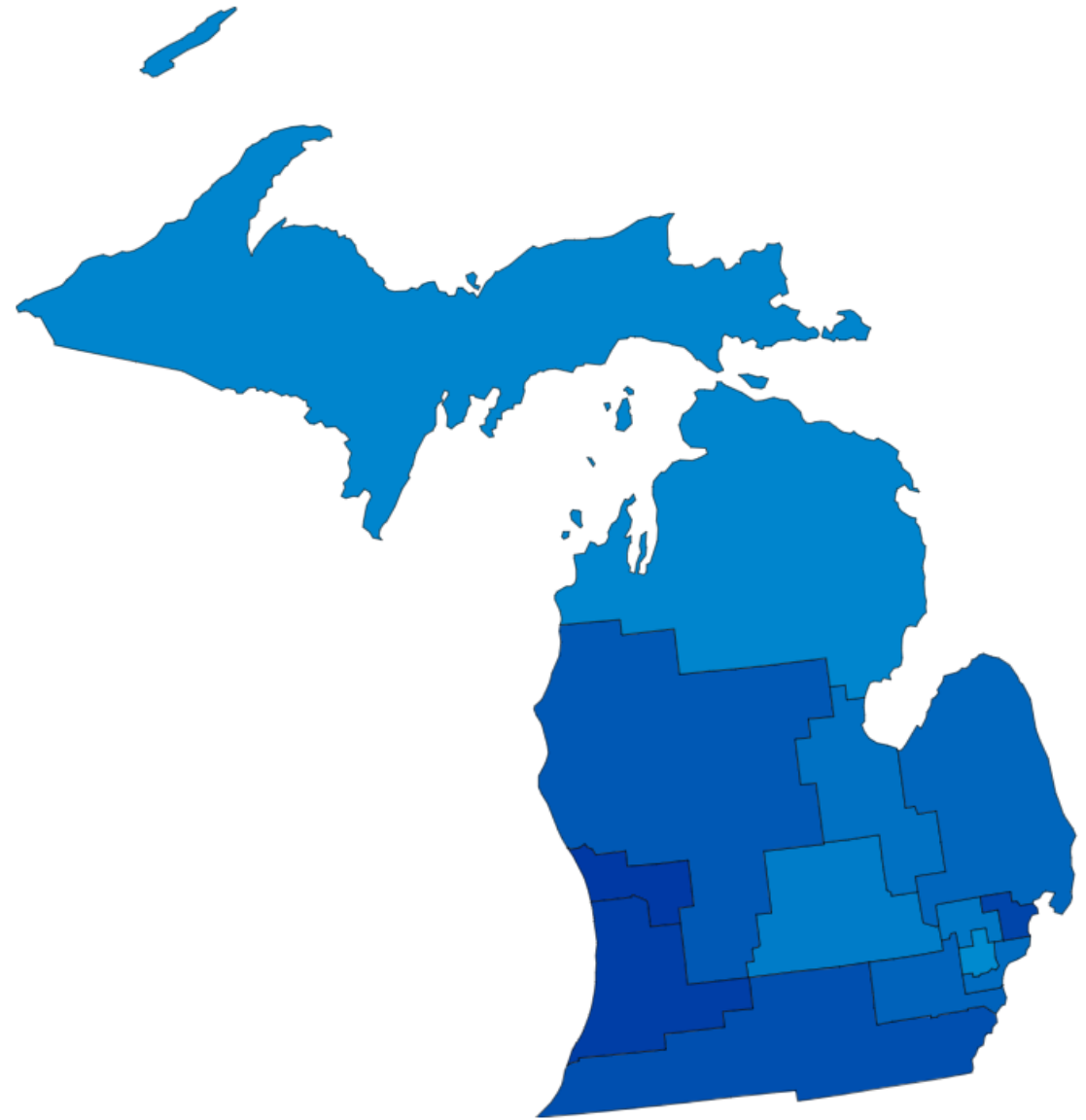
Average annual earnings for MFG employees vs \$69,277 non-farm average

\$62.0 Billion

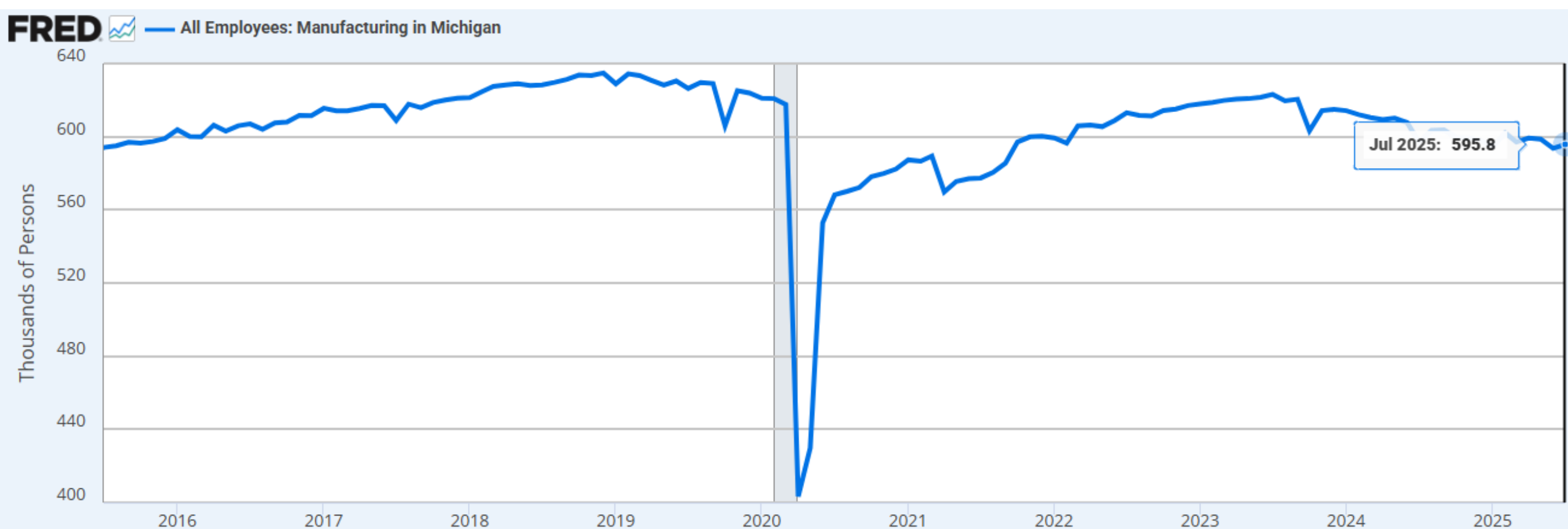
worth of goods exported from Michigan in 2024

Top Export Destinations:

1.	Canada	\$25.7 Billion
2.	Mexico	\$14.7 Billion
3.	China	\$2.4 Billion
4.	Germany	\$2.0 Billion
5.	Japan	\$1.5 Billion



Manufacturing Employees – Michigan



Source: US Bureau of Labor Statistics via RED

Workforce and Apprenticeship Policy

Federal Activity

Administration

- Workforce and Registered Apprenticeship Executive Order & Plan
- Registered Apprenticeship proposed rulemaking
- Career and Technical Education Interagency Agreement
- Industry-Driven Skills Training Fund grant

Congress

- Workforce Pell Grant program
- Workforce funding
- Apprenticeship focus

MI Policy Priorities

Workforce Development

- Promote employer participation in program design and delivery
- Simplify and stabilize funding for employer-led training initiatives
- Expand support for incumbent worker training

Apprenticeship

- Support work-based learning, including apprenticeships, by right-sizing regulation
- Incentivize employer-responsive organizations to serve as intermediaries
- Expand financial incentives for employers to create and operate apprenticeships



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